

Narrative Summary – December 2022

The average temperature for December 2022 was well below normal, averaging 24.7°F, 7.9° below normal (32.6°F). This makes December 2022 the sixth coldest December on record. The warmest December (1957) averaged 38.5°F, while the coldest (1985) averaged 21.0°F. The combined November/ December mean temperature for 2022 was 29.1°F, which is the second coldest November/December on record. The following temperature record was established during December 2022:

<u>Date</u>	<u>Category</u>	<u>New Record</u>	<u>Old Record</u>	<u>Year</u>
2	Low Minimum	7	8	1985

Precipitation for December 2022 totaled 1.48 inches, 137% of normal (1.08 inches). The wettest December (1996) received 3.69 inches, while the driest December (2013) received 0.07 inches. Snowfall for December 2022 totaled 7.8 inches, compared to a normal of 4.4 inches. The snowiest December on record (1996) received 22.6 inches.

The average wind speed for December 2022 was 5.9 miles per hour (mph), which was 0.4 mph below normal (6.2 mph). The windiest December on record (2022) averaged 8.6 mph, while the December with the lightest winds (1985) averaged 3.3 mph. The peak gust for December 2022 was from the southwest at 45 mph on December 27. The record peak gust for December is 74 mph in 2006.

Calendar year 2022 averaged 53.6°F, which was 0.7°F below normal (54.3°F). The warmest year (2015) averaged 57.5°F. The coolest year (1985) averaged 49.6°F. The hottest temperature during 2022 was 113°F on July 28. The coldest temperature was 0°F on January 1. Precipitation for 2022 totaled 7.34 inches, 103% of normal (7.15 inches). The wettest year (1995) received 12.31 inches, while the driest (1976) received 2.99 inches. The average wind speed for 2022 was 7.8 mph, which was 0.2 mph above below normal (8.0 mph).

The monthly climatological data summaries, as well as other information, are available on the Internet.

Address: <http://www.hanford.gov/page.cfm/hms>

HMS Office 373-2716

Note: The data in this summary pertains specifically to the Hanford Meteorology Station (HMS), which is located approximately 25 miles northwest of Richland, WA. No attempt should be made to infer meteorological conditions at other locations from these data.